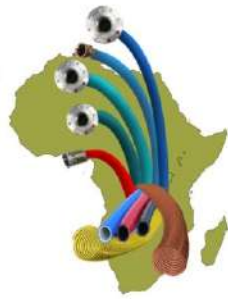


Hose & **C**ouplings **F**or **A**frica cc



HANDBUILT **R**UBBER

HOSE



MATERIAL HANDLING HOSE

Hose Bends Schedule of Formers

BEND ID (mm)		FORMER REF.	RADIUS (mm)	LINER THICKNESS (mm)	RANGE OF ANGLES AVAIL.	FLANGED FITTINGS AVAIL. (HD890)
NOM.	ACT.			STD		
75	76.2	E	294	9	45° – 90°	✓
100	102	G2	340	9	30° – 90°	✓
100	102	G3	610	9	20° – 90°	✓
114	114	H1	610	9	90°	✓
114	114	H2	400	9	45°	✓
125	127	J1	203	9	90° only	-
125	127	J2	381	9	30° – 90°	✓
125	127	J4	889	9	30° – 90°	✓
140	140	K2	762	9	30° – 90°	✓
150	153	L2	306	9	45° – 90°	-
150	153	L3	490	9	30° – 90°	✓
150	153	L4	533	9	30° – 90°	✓
150	153	L5	584	9	30° – 85°	✓
150	153	L7	762	9	30° – 90°	✓
200	203	P1	229	9	90° only	-
200	203	P2	457	9	30° – 90°	✓
200	203	P3	650	9	30° – 90°	✓
200	203	P4	800	9	90°	✓
200	203	P5	1200	9	30° – 90°	✓
250	203	S1	610	9	30° – 90°	✓
250	254	S2	1000	9	25° – 90°	✓
250	254	S3	640	9	20° – 60°	✓
300	305	T1	521	9	30° – 90°	✓
300	305	T2	556	9	30° – 90°	✓
300	305	T3	1300	9	30° – 90°	✓
300	305	T4	1800	9	10° – 90°	✓
350	356	U	457	9	30° – 85°	-
350	356	U1	1050	9	10° – 90°	✓
400	406	X1	1250	12	25° – 90°	✓
400	406	X2	1575	12	25° – 45°	✓
400	406	X3	550	12	72°	✓
450	457	Y	1350	12	20° – 90°	✓



A medium duty, all purpose water delivery hose (soft wall) for use in industrial plants, mines, construction and agriculture etc.
Supplied with plain or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

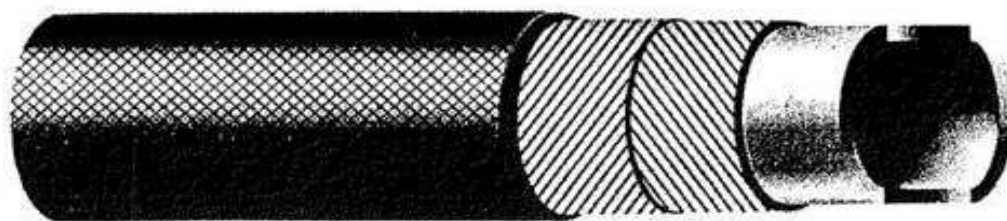
Black, smooth, nr/sbr compound

Reinforcing

Multiple plies of synthetic fabric.

Cover

Black smooth nr/sbr compound wrapped finish.



Size Nom.	Size Act.	O. diam	Weight/M	Length
25 nb	25.40 mm	43 mm	1.64 kg/m	30 met
32 nb	31.75 mm	50 mm	1.91 kg/m	30 met
40 nb	38.10 mm	56 mm	2.14 kg/m	30 met
50 nb	50.80 mm	69 mm	2.63 kg/m	30 met
65 nb	63.50 mm	81 mm	3.09 kg/m	30 met
80 nb	76.20 mm	94 mm	3.59 kg/m	20 met
100 nb	101.60 mm	120 mm	4.58 kg/m	20 met
125 nb	127.00 mm	145 mm	5.53 kg/m	20 met
150 nb	152.40 mm	170 mm	6.49 kg/m	20 met
200 nb	203.20 mm	221 mm	8.44 kg/m	12 met
250 nb	254.00 mm	272 mm	10.38 kg/m	12 met
300 nb	304.80 mm	323 mm	12.33 kg/m	12 met
350 nb	355.60 mm	374 mm	14.28 kg/m	12 met



A medium duty, all purpose water delivery hose (soft wall) for use in industrial plants, mines, construction and agriculture etc.

Supplied with plain or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

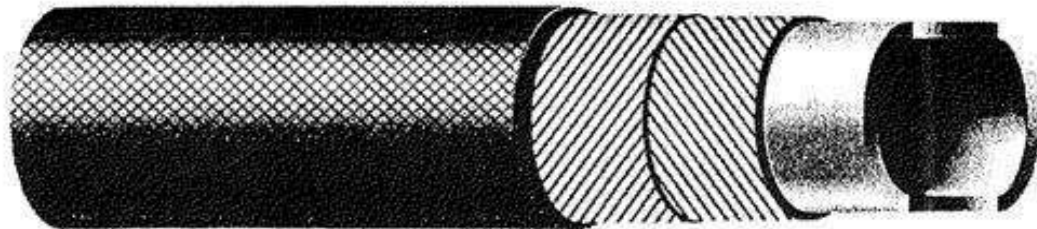
Black, smooth, nr/sbr compound

Reinforcing

Multiple plies of synthetic fabric.

Cover

Black smooth nr/sbr compound wrapped finish.



Size Nom.	Size Act.	O. diam	Weight/M	Length
25 nb	25.40 mm	43 mm	1.64 kg/m	30 met
32 nb	31.75 mm	50 mm	1.91 kg/m	30 met
40 nb	38.10 mm	56 mm	2.14 kg/m	30 met
50 nb	50.80 mm	69 mm	2.63 kg/m	30 met
65 nb	63.50 mm	81 mm	3.09 kg/m	30 met
80 nb	76.20 mm	94 mm	3.59 kg/m	20 met
100 nb	101.60 mm	120 mm	4.58 kg/m	20 met
125 nb	127.00 mm	145 mm	5.53 kg/m	20 met
150 nb	152.40 mm	170 mm	6.49 kg/m	20 met
200 nb	203.20 mm	221 mm	8.44 kg/m	12 met
250 nb	254.00 mm	272 mm	10.38 kg/m	12 met
300 nb	304.80 mm	323 mm	12.33 kg/m	12 met
350 nb	355.60 mm	374 mm	14.28 kg/m	12 met



A medium duty, all purpose water delivery hose (soft wall) for use in industrial plants, mines, construction and agriculture etc.
Supplied with plain or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

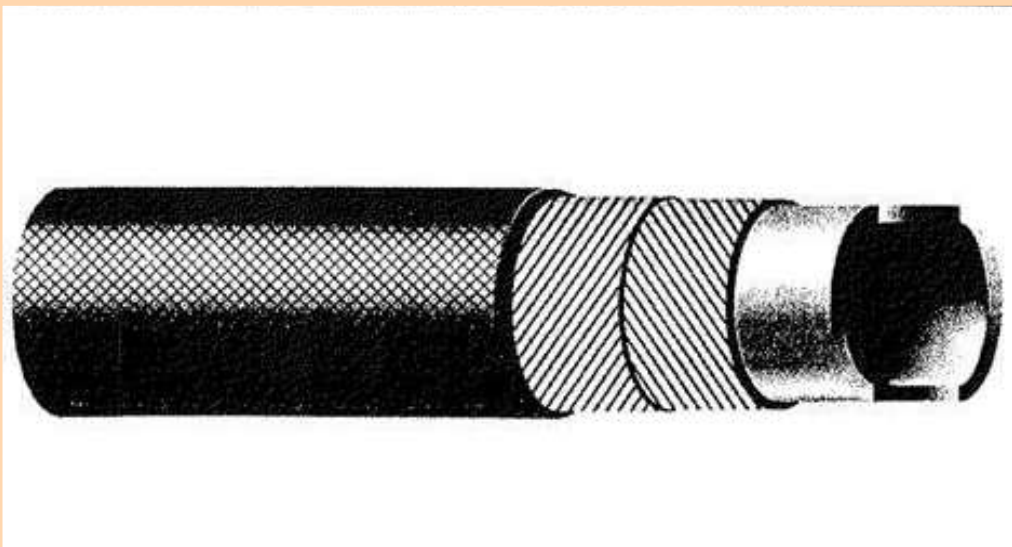
Black, smooth, nr/sbr compound

Reinforcing

Multiple plies of synthetic fabric.

Cover

Black smooth nr/sbr compound wrapped finish.



Size Nom.	Size Act.	O. diam	Weight/M	Length
25 nb	25.40 mm	43 mm	1.64 kg/m	30 met
32 nb	31.75 mm	50 mm	1.91 kg/m	30 met
40 nb	38.10 mm	56 mm	2.14 kg/m	30 met
50 nb	50.80 mm	69 mm	2.63 kg/m	30 met
65 nb	63.50 mm	81 mm	3.09 kg/m	30 met
80 nb	76.20 mm	94 mm	3.59 kg/m	20 met
100 nb	101.60 mm	120 mm	4.58 kg/m	20 met
125 nb	127.00 mm	145 mm	5.53 kg/m	20 met
150 nb	152.40 mm	170 mm	6.49 kg/m	20 met
200 nb	203.20 mm	221 mm	8.44 kg/m	12 met
250 nb	254.00 mm	272 mm	10.38 kg/m	12 met
300 nb	304.80 mm	323 mm	12.33 kg/m	12 met
350 nb	355.60 mm	374 mm	14.28 kg/m	12 met



Designed for water suction & discharge service, where a rugged yet flexible hose is required by industry, building & fire-fighting.

Supplied with soft cuffs or flanged ends.

Temperature range

-35 deg C to +80 deg C

CONSTRUCTION

Liner

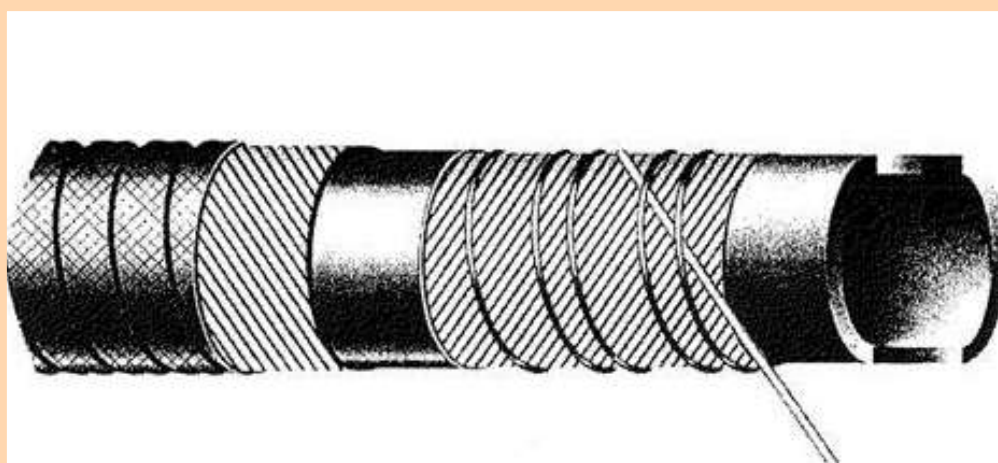
Black, smooth, nr/sbr compound

Reinforcing

Multiple plies of synthetic fabric, plus a high strain wire helix.

Cover

Black corrugated nr/sbr compound wrapped finish.



Size Nom.	Size Act.	Vacuum	Bend rad.	Weight/M	Length
25 nb	25.40 mm	70 kpa	150 mm	0.69 kg/m	30 met
32 nb	31.75 mm	70 kpa	200 mm	0.86 kg/m	30 met
40 nb	38.10 mm	70 kpa	230 mm	1.12 kg/m	30 met
50 nb	50.80 mm	70 kpa	300 mm	1.73 kg/m	30 met
65 nb	63.50 mm	70 kpa	380 mm	2.16 kg/m	30 met
80 nb	76.20 mm	70 kpa	460 mm	2.70 kg/m	20 met
100 nb	101.60 mm	70 kpa	610 mm	4.05 kg/m	20 met
125 nb	127.00 mm	70 kpa	750 mm	5.70 kg/m	20 met
150 nb	152.40 mm	70 kpa	900 mm	8.65 kg/m	20 met
200 nb	203.20 mm	70 kpa	1500 mm	16.10 kg/m	12 met
250 nb	254.00 mm	70 kpa	2000 mm	23.95 kg/m	12 met
300 nb	304.80 mm	70 kpa	3000 mm	30.90 kg/m	12 met
350 nb	355.60 mm	70 kpa	3500 mm	37.80 kg/m	12 met



Designed for water suction & discharge service, where a rugged yet flexible hose is required by industry, building & fire-fighting.

Supplied with soft cuffs or flanged ends.

Temperature range

-35 deg C to +80 deg C

CONSTRUCTION

Liner

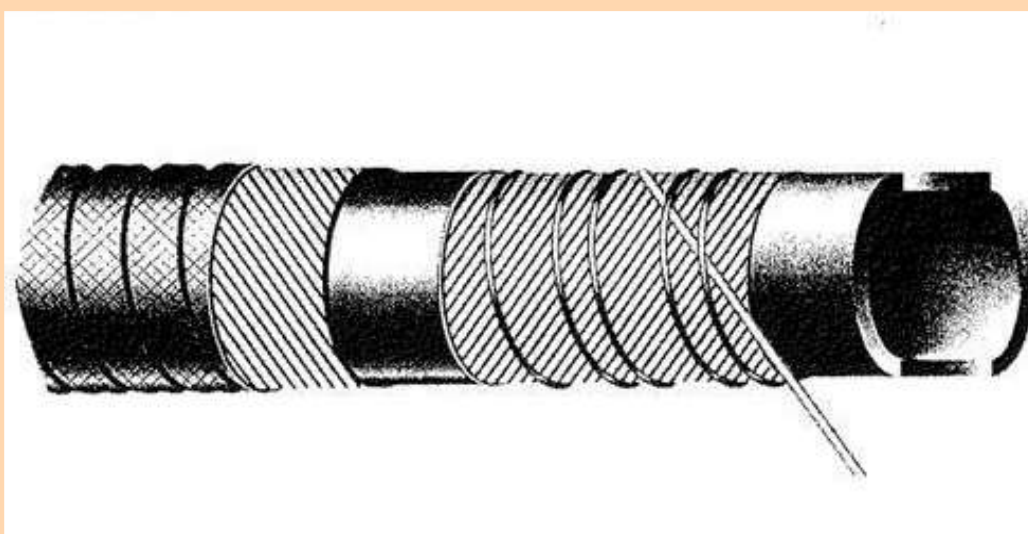
Black, smooth, nr/sbr compound

Reinforcing

Multiple plies of synthetic fabric, plus a high strain wire helix.

Cover

Black corrugated nr/sbr compound wrapped finish.



Size Nom.	Size Act.	Vacuum	Bend rad.	Weight/M	Length
25 nb	25.40 mm	70 kpa	150 mm	0.73 kg/m	30 met
32 nb	31.75 mm	70 kpa	200 mm	0.90 kg/m	30 met
40 nb	38.10 mm	70 kpa	230 mm	1.24 kg/m	30 met
50 nb	50.80 mm	70 kpa	300 mm	1.81 kg/m	30 met
65 nb	63.50 mm	70 kpa	380 mm	2.40 kg/m	30 met
80 nb	76.20 mm	70 kpa	460 mm	3.00 kg/m	20 met
100 nb	101.60 mm	70 kpa	610 mm	4.48 kg/m	20 met
125 nb	127.00 mm	70 kpa	750 mm	6.35 kg/m	20 met
150 nb	152.40 mm	70 kpa	900 mm	9.50 kg/m	20 met
200 nb	203.20 mm	70 kpa	1500 mm	17.64 kg/m	12 met
250 nb	254.00 mm	70 kpa	2000 mm	25.93 kg/m	12 met
300 nb	304.80 mm	70 kpa	3000 mm	32.00 kg/m	12 met
350 nb	355.60 mm	70 kpa	3500 mm	39.20 kg/m	12 met



Designed for water suction & discharge service, where a rugged yet flexible hose is required by industry, building & fire-fighting.

Supplied with soft cuffs or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

Black, smooth, nr/sbr compound

Reinforcing

Multiple plies of synthetic fabric, plus a high strain wire helix.

Cover

Black corrugated nr/sbr compound wrapped finish.



Size Nom.	Size Act.	Vacuum	Bend rad.	Weight/M	Length
25 nb	25.40 mm	70 kpa	150 mm	0.82 kg/m	30 met
32 nb	31.75 mm	70 kpa	200 mm	1.10 kg/m	30 met
40 nb	38.10 mm	70 kpa	230 mm	1.37 kg/m	30 met
50 nb	50.80 mm	70 kpa	300 mm	1.99 kg/m	30 met
65 nb	63.50 mm	70 kpa	380 mm	2.64 kg/m	30 met
80 nb	76.20 mm	70 kpa	460 mm	3.4 kg/m	20 met
100 nb	101.60 mm	70 kpa	610 mm	4.93 kg/m	20 met
125 nb	127.00 mm	70 kpa	750 mm	6.95 kg/m	20 met
150 nb	152.40 mm	70 kpa	900 mm	10.45 kg/m	20 met
200 nb	203.20 mm	70 kpa	1500 mm	19.15 kg/m	12 met
250 nb	254.00 mm	70 kpa	2000 mm	27.35 kg/m	12 met
300 nb	304.80 mm	70 kpa	3000 mm	34.20 kg/m	12 met
350 nb	355.60 mm	70 kpa	3500 mm	41.10 kg/m	12 met



Designed for heavy duty slurry suction and delivery operations in quarry and mining industries where a long lasting hose is required.

Supplied with soft cuffs or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

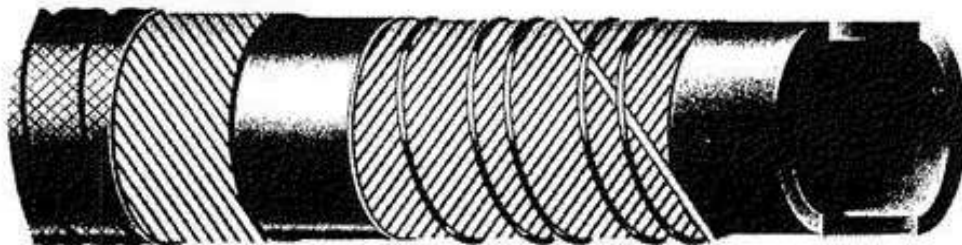
Blue,nr compound 6,9 & 12mm thick

Reinforcing

Multiple plies of synthetic fabric,plus a high strain wire helix.

Cover

Black corrugated nr/sbr compound wrapped finish.



Size Nom.	Size Act.	Vacuum	Bend rad.	Length
25 nb	25.40 mm	70 kpa	170 mm	30 met
32 nb	31.75 mm	70 kpa	230 mm	30 met
40 nb	38.10 mm	70 kpa	250 mm	30 met
50 nb	50.80 mm	70 kpa	330 mm	30 met
65 nb	63.50 mm	70 kpa	440 mm	30 met
80 nb	76.20 mm	70 kpa	520 mm	20 met
100 nb	101.60 mm	70 kpa	680 mm	20 met
125 nb	127.00 mm	70 kpa	830 mm	20 met
150 nb	152.40 mm	70 kpa	1000 mm	20 met
200 nb	203.20 mm	70 kpa	1700 mm	12 met
250 nb	254.00 mm	70 kpa	2250 mm	12 met
300 nb	304.80 mm	70 kpa	3300 mm	12 met
350 nb	355.60 mm	70 kpa	3900 mm	12 met



Designed for heavy duty slurry suction and delivery operations in quarry and mining industries where a long lasting hose is required.

Supplied with soft cuffs or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

Blue, nr compound 6,9 & 12mm thick

Reinforcing

Multiple plies of synthetic fabric, plus a high strain wire helix.

Cover

Black corrugated nr/sbr compound wrapped finish.



Size Nom.	Size Act.	Vacuum	Bend rad.	Length
25 nb	25.40 mm	70 kpa	170 mm	30 met
32 nb	31.75 mm	70 kpa	230 mm	30 met
40 nb	38.10 mm	70 kpa	250 mm	30 met
50 nb	50.80 mm	70 kpa	330 mm	30 met
65 nb	63.50 mm	70 kpa	440 mm	30 met
80 nb	76.20 mm	70 kpa	520 mm	20 met
100 nb	101.60 mm	70 kpa	680 mm	20 met
125 nb	127.00 mm	70 kpa	830 mm	20 met
150 nb	152.40 mm	70 kpa	1000 mm	20 met
200 nb	203.20 mm	70 kpa	1700 mm	12 met
250 nb	254.00 mm	70 kpa	2250 mm	12 met
300 nb	304.80 mm	70 kpa	3300 mm	12 met
350 nb	355.60 mm	70 kpa	3900 mm	12 met



Designed for heavy duty slurry suction and delivery operations in quarry and mining industries where a long lasting hose is required.

Supplied with soft cuffs or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

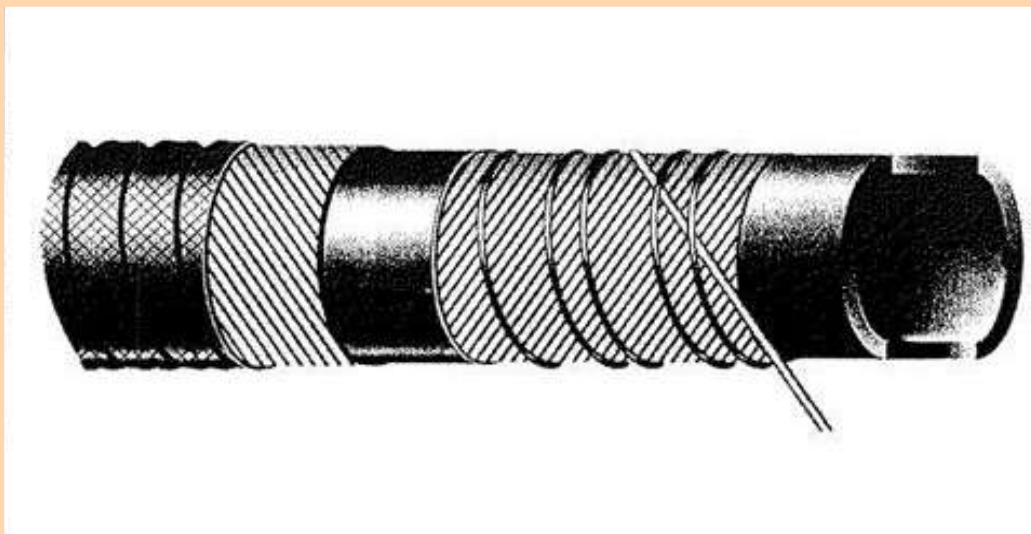
Blue,nr compound 6,9 & 12mm thick

Reinforcing

Multiple plies of synthetic fabric,plus a high strain wire helix.

Cover

Black corrugated nr/sbr compound wrapped finish.



Size Nom.	Size Act.	Vacuum	Bend rad.	Length
25 nb	25.40 mm	70 kpa	170 mm	30 met
32 nb	31.75 mm	70 kpa	230 mm	30 met
40 nb	38.10 mm	70 kpa	250 mm	30 met
50 nb	50.80 mm	70 kpa	330 mm	30 met
65 nb	63.50 mm	70 kpa	440 mm	30 met
80 nb	76.20 mm	70 kpa	520 mm	20 met
100 nb	101.60 mm	70 kpa	680 mm	20 met
125 nb	127.00 mm	70 kpa	830 mm	20 met
150 nb	152.40 mm	70 kpa	1000 mm	20 met
200 nb	203.20 mm	70 kpa	1700 mm	12 met
250 nb	254.00 mm	70 kpa	2250 mm	12 met
300 nb	304.80 mm	70 kpa	3300 mm	12 met
350 nb	355.60 mm	70 kpa	3900 mm	12 met



This hose is used for the placement of concrete to the casting location in shaft sinking and construction applications.

Supplied with plain or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

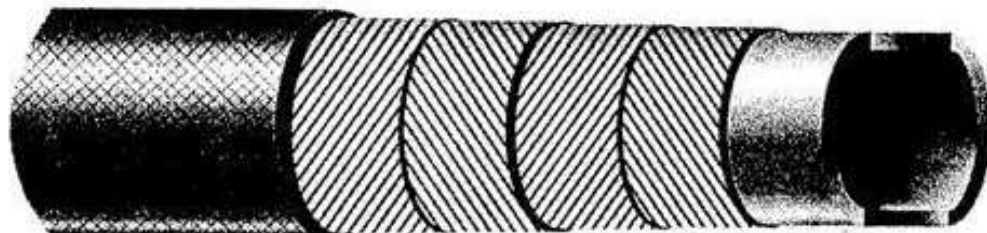
Blue nr compound available in 6,9 & 12 mm thick

Reinforcing

Multiple plies of synthetic fabric.

Cover

Black smooth nr/sbr compound wrapped finish.



Size Nom.	Size Act.	O. diam	Liner Thick	Weight/M	Length
25 nb	25.40 mm	45 mm	4 mm	1.90 kg/m	30 met
32 nb	31.75 mm	52 mm	4 mm	2.21 kg/m	30 met
40 nb	38.10 mm	58 mm	4 mm	2.46 kg/m	30 met
50 nb	50.80 mm	71 mm	4 mm	3.01 kg/m	30 met
65 nb	63.50 mm	85 mm	4 mm	3.09 kg/m	30 met
80 nb	76.20 mm	98 mm	6 mm	4.99 kg/m	20 met
100 nb	101.60 mm	124 mm	6 mm	6.31 kg/m	20 met
125 nb	127.00 mm	149 mm	6 mm	7.58 kg/m	20 met
150 nb	152.40 mm	180 mm	9 mm	10.68 kg/m	20 met
200 nb	203.20 mm	231 mm	9 mm	13.72 kg/m	12 met
250 nb	254.00 mm	282 mm	9 mm	16.74 kg/m	12 met
300 nb	304.80 mm	339 mm	12 mm	24.44 kg/m	12 met
350 nb	355.60 mm	390 mm	12 mm	28.12 kg/m	12 met



This hose is used for the placement of concrete to the casting location in shaft sinking and construction applications.

Supplied with plain or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

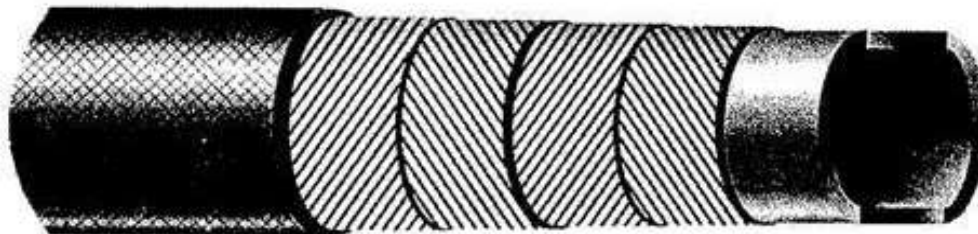
Blue nr compound available in 6,9 & 12 mm thick

Reinforcing

Multiple plies of synthetic fabric.

Cover

Black smooth nr/sbr compound wrapped finish.



Size Nom.	Size Act.	O. diam	Liner Thick	Weight/M	Length
25 nb	25.40 mm	45 mm	4 mm	1.94 kg/m	30 met
32 nb	31.75 mm	52 mm	4 mm	2.25 kg/m	30 met
40 nb	38.10 mm	58 mm	4 mm	2.51 kg/m	30 met
50 nb	50.80 mm	71 mm	4 mm	3.07 kg/m	30 met
65 nb	63.50 mm	85 mm	4 mm	3.16 kg/m	30 met
80 nb	76.20 mm	98 mm	6 mm	5.09 kg/m	20 met
100 nb	101.60 mm	124 mm	6 mm	6.44 kg/m	20 met
125 nb	127.00 mm	149 mm	6 mm	7.73 kg/m	20 met
150 nb	152.40 mm	180 mm	9 mm	10.90 kg/m	20 met
200 nb	203.20 mm	231 mm	9 mm	14.03 kg/m	12 met
250 nb	254.00 mm	282 mm	9 mm	17.08 kg/m	12 met
300 nb	304.80 mm	339 mm	12 mm	24.94 kg/m	12 met
350 nb	355.60 mm	390 mm	12 mm	28.70 kg/m	12 met



Designed for fume and dust extraction
for use in workshops, industrial plants
and air conditioning networks.

Supplied with plain ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

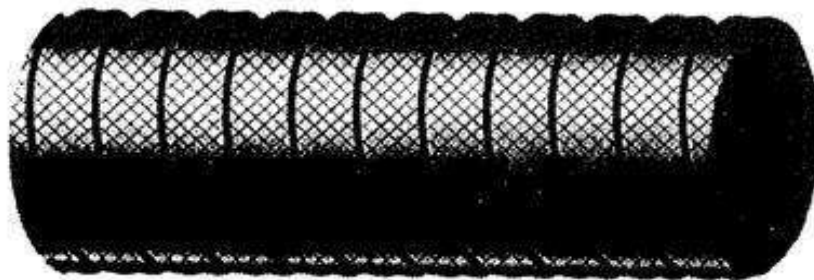
Black, rubber impregnated cloth.

Reinforcing

Twin high strain wire helix.

Cover

Black, corrugated, rubber
impregnated cloth.



Size Nom.	Size Act.	Vacuum	Bend rad.	Weight/M	Length
25 nb	25.40 mm	10 kpa	20 mm	0.30 kg/m	18 met
32 nb	31.75 mm	10 kpa	20 mm	0.40 kg/m	18 met
40 nb	38.10 mm	10 kpa	20 mm	0.42 kg/m	18 met
45 nb	44.45 mm	10 kpa	25 mm	0.46 kg/m	18 met
50 nb	50.80 mm	10 kpa	25 mm	0.55 kg/m	18 met
60 nb	60.30 mm	10 kpa	40 mm	0.63 kg/m	18 met
65 nb	63.50 mm	10 kpa	40 mm	0.68 kg/m	18 met
80 nb	76.20 mm	10 kpa	50 mm	0.80 kg/m	18 met
90 nb	89.90 mm	10 kpa	50 mm	0.94 kg/m	18 met
100 nb	101.60 mm	10 kpa	50 mm	1.06 kg/m	18 met
114 nb	114.30 mm	10 kpa	75 mm	1.20 kg/m	10 met
125 nb	127.00 mm	10 kpa	75 mm	1.33 kg/m	10 met
140 nb	139.70 mm	10 kpa	75 mm	1.46 kg/m	10 met
150 nb	152.40 mm	10 kpa	100 mm	1.59 kg/m	10 met
165 nb	165.10 mm	10 kpa	100 mm	1.72 kg/m	10 met
178 nb	177.80 mm	10 kpa	125 mm	1.86 kg/m	10 met
200 nb	203.20 mm	10 kpa	150 mm	3.66 kg/m	10 met
220 nb	219.10 mm	10 kpa	175 mm	4.01 kg/m	10 met
250 nb	254.00 mm	10 kpa	200 mm	4.56 kg/m	10 met
300 nb	304.80 mm	10 kpa	250 mm	5.47 kg/m	10 met



Designed for fume and dust extraction
as well as abrasive particles, such
as saw dust and iron filings.

Supplied with cuffed ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

Blue, abrasive resistant nr compound.

Reinforcing

High strain wire helix.

Cover

Black, corrugated, rubber
impregnated cloth.



Size Nom.	Size Act.	Vacuum	Bend rad.	Weight/M	Length
25 nb	25.40 mm	10 kpa	75 mm	0.41 kg/m	18 met
32 nb	31.75 mm	10 kpa	75 mm	0.54 kg/m	18 met
40 nb	38.10 mm	10 kpa	75 mm	0.59 kg/m	18 met
45 nb	44.45 mm	10 kpa	75 mm	0.65 kg/m	18 met
50 nb	50.80 mm	10 kpa	100 mm	0.76 kg/m	18 met
60 nb	60.30 mm	10 kpa	135 mm	0.89 kg/m	18 met
65 nb	63.50 mm	10 kpa	135 mm	0.96 kg/m	18 met
80 nb	76.20 mm	10 kpa	160 mm	1.12 kg/m	18 met
90 nb	89.90 mm	10 kpa	170 mm	1.32 kg/m	18 met
100 nb	101.60 mm	10 kpa	170 mm	1.49 kg/m	18 met
114 nb	114.30 mm	10 kpa	250 mm	1.68 kg/m	10 met
125 nb	127.00 mm	10 kpa	265 mm	1.87 kg/m	10 met
140 nb	139.70 mm	10 kpa	275 mm	2.05 kg/m	10 met
150 nb	152.40 mm	10 kpa	300 mm	2.23 kg/m	10 met
165 nb	165.10 mm	10 kpa	320 mm	2.41 kg/m	10 met
178 nb	177.80 mm	10 kpa	420 mm	2.61 kg/m	10 met
200 nb	203.20 mm	10 kpa	500 mm	4.53 kg/m	10 met
220 nb	219.10 mm	10 kpa	590 mm	4.94 kg/m	10 met
250 nb	254.00 mm	10 kpa	670 mm	5.64 kg/m	10 met
300 nb	304.80 mm	10 kpa	840 mm	6.76 kg/m	10 met



Designed to convey cooling water in steel mills, where a hose is required to withstand heat radiation, open flame and splashes of white-hot metals.

Supplied with plain or flanged ends.

Temperature range
-35 deg C to +90 deg C

CONSTRUCTION

Liner

Red, smooth non-conductive EPDM

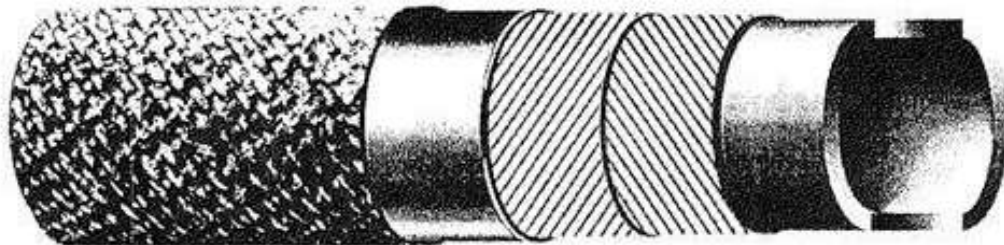
Reinforcing

Multiple plies of synthetic fabric.

Cover

Single ply of rubber impregnated fibre glass cloth.

Double ply fibre glass cover=CFX 3030



Size Nom.	Size Act.	o.d 1 ply	o.d 2 ply	Weight/M *	Length
25 nb	25.40 mm	44 mm	47 mm	0.95 kg/m	30 met
32 nb	31.75 mm	51mm	54 mm	1.59 kg/m	30 met
40 nb	38.10 mm	57 mm	60 mm	1.77 kg/m	30 met
50 nb	50.80 mm	69 mm	72 mm	2.15 kg/m	30 met
65 nb	63.50 mm	82 mm	85 mm	2.55 kg/m	30 met
80 nb	76.20 mm	95 mm	98 mm	2.95 kg/m	20 met
100 nb	101.60 mm	119 mm	122 mm	3.70 kg/m	20 met
125 nb	127.00 mm	144 mm	147 mm	4.48 kg/m	20 met
150 nb	152.40 mm	169 mm	172 mm	5.26 kg/m	20 met
200 nb	203.20 mm	219 mm	222 mm	6.80 kg/m	12 met
250 nb	254.00 mm	270 mm	273 mm	8.40 kg/m	12 met
300 nb	304.80 mm	320 mm	323 mm	9.95 kg/m	12 met



Designed to handle hot water and anti-freeze in cooling systems. Resistant to Glycol.

Supplied in one metre lengths plain ended.

Temperature range
-35 deg C to +90 deg C

CONSTRUCTION

Liner

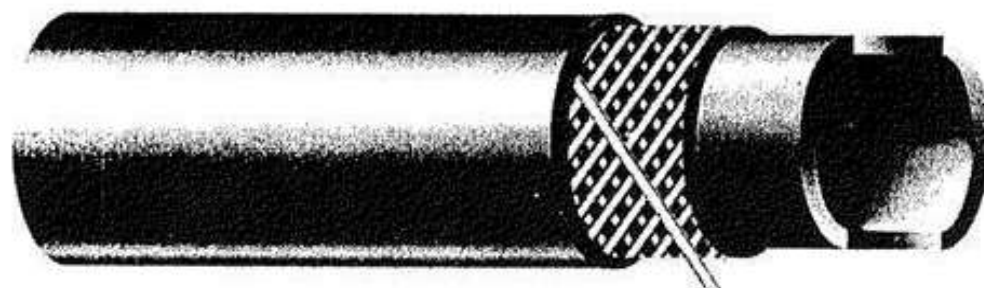
Black, smooth PVC Nitrile compound

Reinforcing

Double ply of synthetic fabric.

Cover

Black, smooth PVC Nitrile compound wrapped finish.



Size Nom.	Size Act.	Length	Weight/M
25 nb	25.40 mm	18 met	1.46 kg/m
32 nb	31.75 mm	18 met	1.69 kg/m
40 nb	38.10 mm	18 met	1.90 kg/m
45 nb	44.45 mm	18 met	2.15 kg/m
50 nb	50.80 mm	18 met	2.35 kg/m
60 nb	60.30 mm	18 met	2.68 kg/m
65 nb	63.50 mm	18 met	2.80 kg/m
80 nb	76.20 mm	18 met	3.24 kg/m
90 nb	89.90 mm	18 met	3.73 kg/m
100 nb	101.60 mm	18 met	4.14 kg/m
114 nb	114.30 mm	10 met	4.57 kg/m
125 nb	127.00 mm	10 met	5.03 kg/m
140 nb	139.70 mm	10 met	5.49 kg/m
150 nb	152.40 mm	10 met	5.93 kg/m
165 nb	165.10 mm	10 met	6.37 kg/m
178 nb	177.80 mm	10 met	6.82 kg/m
200 nb	203.20 mm	10 met	7.70 kg/m



This hose is commonly used as a road tanker off-loading hose and in some cases as a inplant transfer hose. It is recommended for use with most petroleum based products with a aromatic hydro carbon content of upto 100%

Composite hoses are not supplied unfitted. End fittings are secured in the hose by means of external swaging.

Temperature range
-30 deg C to +70 deg C

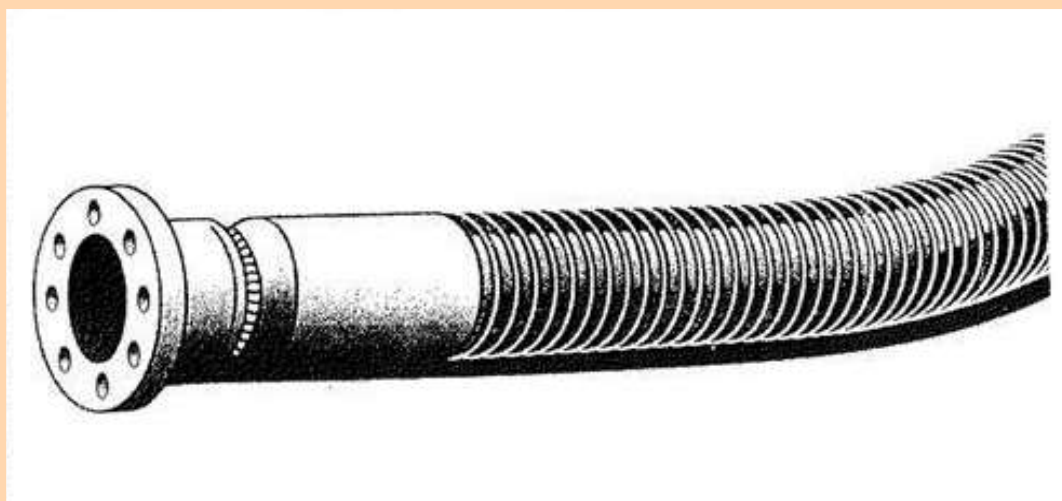
CONSTRUCTION

Inner wire
Galvanised steel.

Reinforcing
Multiple plies of polypropylene film and nylon cloth.

Cover
Blue pvc with white identification stripe

Outer wire
Galvanised steel.



Size Nominal	Size Actual	Bend Radii	Weight/meter	Max. Length
25 nb	25.40 mm	100 mm	1.00 kg/m	12 met
32 nb	31.75 mm	120 mm	1.12 kg/m	12 met
40 nb	38.10 mm	130 mm	1.25 kg/m	12 met
50 nb	50.80 mm	165 mm	2.00 kg/m	12 met
65 nb	63.50 mm	185 mm	2.60 kg/m	12 met
80 nb	76.20 mm	240 mm	3.25 kg/m	12 met
100 nb	101.60 mm	360 mm	5.10 kg/m	9 met
125 nb	127.00 mm	420 mm	7.31 kg/m	9 met
150 nb	152.40 mm	460 mm	8.40 kg/m	9 met



This hose is recommended for use as a general purpose chemical off-loading hose, particularly concentrated sulphuric acid. As well as this hose is used for railcar and road tanker service, it is successfully used in many inplant applications.

Composite hoses are not supplied unfitted.

End fittings are secured in the hose by means of external swaging.

CONSTRUCTION

Inner wire

Stainless steel A.I.S.I. Grd 316

Reinforcing

Multiple plies of polypropylene film and nylon cloth.

Cover

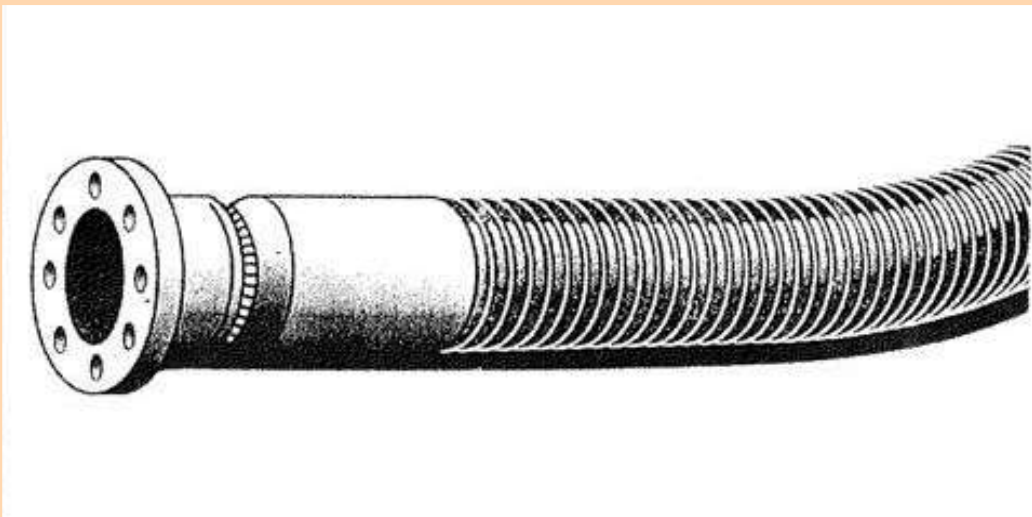
Blue pvc with green identification stripe.

Outer wire

Galvanised steel.

Temperature range

-30 deg C to +70 deg C



Size Nominal	Size Actual	Bend Radii	Weight/ meter	Max. Length
25 nb	25.40 mm	100 mm	1.00 kg/m	12 met
32 nb	31.75 mm	120 mm	1.12 kg/m	12 met
40 nb	38.10 mm	130 mm	1.25 kg/m	12 met
50 nb	50.80 mm	165 mm	2.00 kg/m	12 met
65 nb	63.50 mm	185 mm	2.60 kg/m	12 met
80 nb	76.20 mm	240 mm	3.25 kg/m	12 met
100 nb	101.60 mm	360 mm	5.10 kg/m	9 met
125 nb	127.00 mm	420 mm	7.31 kg/m	9 met
150 nb	152.40 mm	460 mm	8.40 kg/m	9 met

Handling, testing, Inspection, Storage and Maintenance of Hose and Couplings composite Hose

Handling Flex-hose supports or nylon slings are recommended for handling composite hoses. Never support composite hoses with a rope or wire.

Testing Composite hoses must be tested on a regular basis using the following procedure:

1. Drain and thoroughly clean the hose
2. Lay the hose in a straight line allowing space for elongation under pressure. Test the hose for electrical continuity whilst unpressurised and throughout the full test. (where relevant to construction)
3. Blank off one end of the hose and fill with water, ensuring that all the air is released from the hose.
4. Pressurize the hose assembly for 10 minutes at 1.5 times the working pressure and examine the hose for any leaks or carcass distortion.
5. Release pressure and drain the hose

Inspection Hoses should be visually examined before each operation, inspecting the following:

1. Displacement of reinforcing wires and impact damage to the carcass of the hose.
2. Abrasion or corrosion of the outer wire and abrasion of the outer cover.
3. Displacement or damage to the end fittings.

Storage After use of the hose, the following storage procedure should be followed:

1. Drain and thoroughly clean the hose.
2. Store the hose in a straight line on horizontal supports in a naturally ventilated dark dry area.
3. Take blanking caps or blind flanges off for ventilation through the hose.
4. Protect the hose from tropical sun and UV rays

Maintenance Hoses must be cleaned after use and the method will depend on the location and use.

Flushing out with clean water, hot water, detergents and solvents at ambient temperatures sufficient in most cases

Low pressure open steam can also be used as long as the temperature does not exceed the maximum working temperature of the hose



Designed for use on petrol tankers to convey a wide range of petroleum products, where the aromatic hydro carbon content does not exceed 30 %

Supplied with soft cuffs or flanged ends.

Temperature range

-35 deg C to + 80 deg C

CONSTRUCTION

Liner

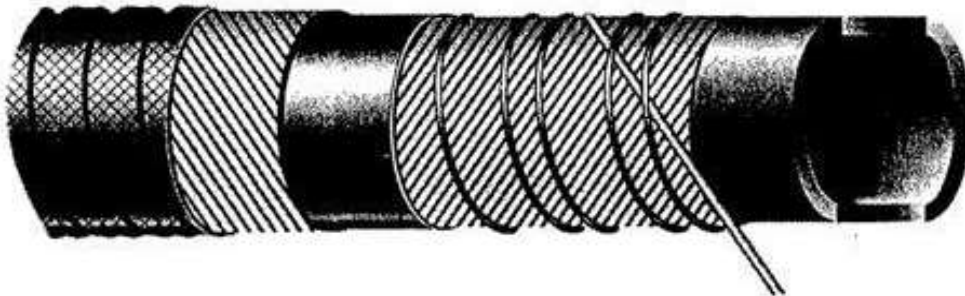
Black, smooth PVC Nitrile compound

Reinforcing

Multiple plies of synthetic fabric, plus a high strain wire helix & copper earth wire.

Cover

Black, corrugated PVC Nitrile compound, wrapped finish.



Size Nom.	Size Act.	Vacuum	Bend rad.	Weight/M	Length
25 nb	25.40 mm	70 kpa	150 mm	0.73 kg/m	30 met
32 nb	31.75 mm	70 kpa	200 mm	0.90 kg/m	30 met
40 nb	38.10 mm	70 kpa	230 mm	1.24 kg/m	30 met
50 nb	50.80 mm	70 kpa	300 mm	1.81 kg/m	30 met
65 nb	63.50 mm	70 kpa	380 mm	2.40 kg/m	30 met
80 nb	76.20 mm	70 kpa	460 mm	3.00 kg/m	20 met
100 nb	101.60 mm	70 kpa	610 mm	4.48 kg/m	20 met
125 nb	127.00 mm	70 kpa	750 mm	6.35 kg/m	20 met
150 nb	152.40 mm	70 kpa	900 mm	9.50 kg/m	20 met
200 nb	203.20 mm	70 kpa	1500 mm	17.64 kg/m	12 met
250 nb	254.00 mm	70 kpa	2000 mm	25.93 kg/m	12 met
300 nb	304.80 mm	70 kpa	3000 mm	32.00 kg/m	12 met
350 nb	355.60 mm	70 kpa	3500 mm	39.20 kg/m	12 met



Designed for use on petrol tankers to convey a wide range of petroleum products, where the aromatic hydro carbon content does not exceed 30 %
Supplied with soft cuffs or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

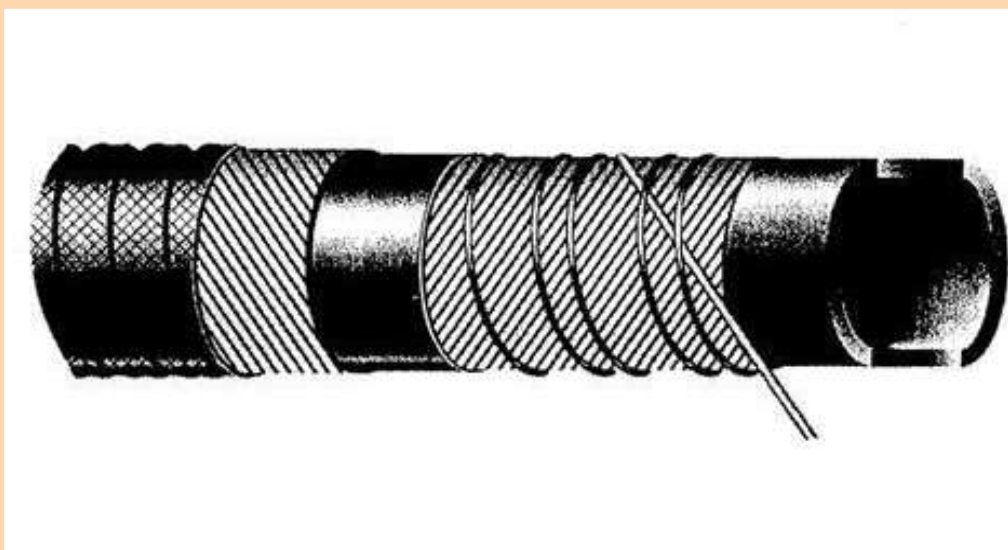
Black, smooth PVC Nitrile compound

Reinforcing

Multiple plies of synthetic fabric, plus a high strain wire helix & copper earth wire.

Cover

Black, corrugated PVC Nitrile compound wrapped finish.



Size Nom.	Size Act.	Vacuum	Bend rad.	Weight/M	Length
25 nb	25.40 mm	70 kpa	150 mm	0.73 kg/m	30 met
32 nb	31.75 mm	70 kpa	200 mm	0.90 kg/m	30 met
40 nb	38.10 mm	70 kpa	230 mm	1.24 kg/m	30 met
50 nb	50.80 mm	70 kpa	300 mm	1.81 kg/m	30 met
65 nb	63.50 mm	70 kpa	380 mm	2.40 kg/m	30 met
80 nb	76.20 mm	70 kpa	460 mm	3.00 kg/m	20 met
100 nb	101.60 mm	70 kpa	610 mm	4.48 kg/m	20 met
125 nb	127.00 mm	70 kpa	750 mm	6.35 kg/m	20 met
150 nb	152.40 mm	70 kpa	900 mm	9.50 kg/m	20 met
200 nb	203.20 mm	70 kpa	1500 mm	17.64 kg/m	12 met
250 nb	254.00 mm	70 kpa	2000 mm	25.93 kg/m	12 met
300 nb	304.80 mm	70 kpa	3000 mm	32.00 kg/m	12 met
350 nb	355.60 mm	70 kpa	3500 mm	39.20 kg/m	12 met



Designed for use on petrol tankers to convey a wide range of petroleum products, where the aromatic hydro carbon content does not exceed 30 %

Supplied with soft cuffs or flanged ends.

Temperature range
-35 deg C to +80 deg C

CONSTRUCTION

Liner

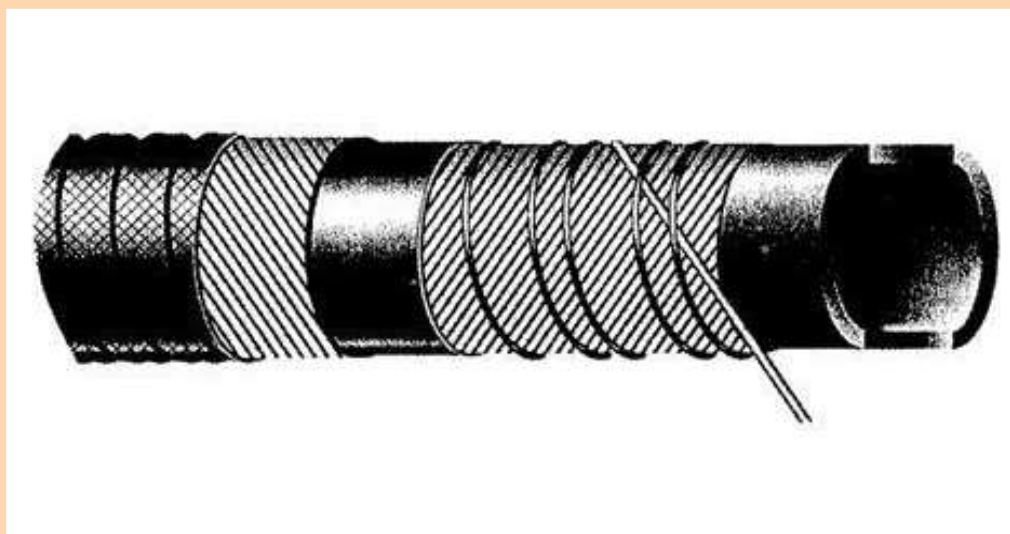
Black, smooth PVC Nitrile compound

Reinforcing

Multiple plies of synthetic fabric, plus a high strain wire helix & copper earth wire.

Cover

Black corrugated PVC Nitrile compound wrapped finish.



Size Nom.	Size Act.	Vacuum	Bend rad.	Weight/M	Length
25 nb	25.40 mm	70 kpa	150 mm	0.73 kg/m	30 met
32 nb	31.75 mm	70 kpa	200 mm	0.90 kg/m	30 met
40 nb	38.10 mm	70 kpa	230 mm	1.24 kg/m	30 met
50 nb	50.80 mm	70 kpa	300 mm	1.81 kg/m	30 met
65 nb	63.50 mm	70 kpa	380 mm	2.40 kg/m	30 met
80 nb	76.20 mm	70 kpa	460 mm	3.00 kg/m	20 met
100 nb	101.60 mm	70 kpa	610 mm	4.48 kg/m	20 met
125 nb	127.00 mm	70 kpa	750 mm	6.35 kg/m	20 met
150 nb	152.40 mm	70 kpa	900 mm	9.50 kg/m	20 met
200 nb	203.20 mm	70 kpa	1500 mm	17.64 kg/m	12 met
250 nb	254.00 mm	70 kpa	2000 mm	25.93 kg/m	12 met
300 nb	304.80 mm	70 kpa	3000 mm	32.00 kg/m	12 met
350 nb	355.60 mm	70 kpa	3500 mm	39.20 kg/m	12 met



Designed to handle a wide range of oxidising chemicals & acids during production & transport operations. See chemical resistance chart.

Supplied with soft cuffs or flanged ends.

Temperature range

-35 deg C to +110 deg C

CONSTRUCTION

Liner

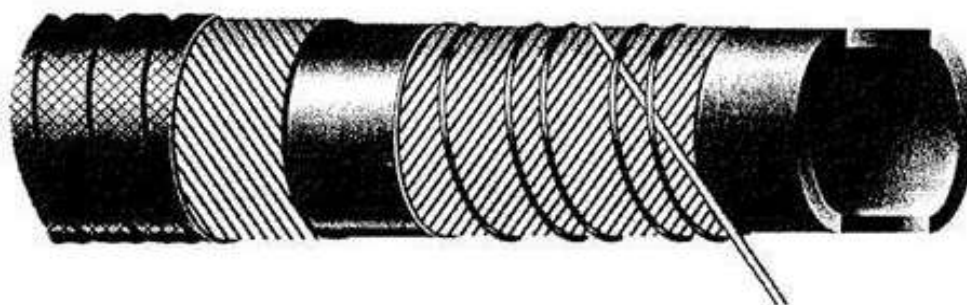
Black Chloro-Butyl compound

Reinforcing

Multiple plies of synthetic fabric plus a high strain wire helix.

Cover

Black corrugated nr/sbr compound wrapped finish.



Size Nom.	Size Act.	Vacuum	Bend rad.	Weight/M	Pressure
25 nb	25.40 mm	70 kpa	150 mm	0.69 kg/m	1000 kpa
32 nb	31.75 mm	70 kpa	200 mm	0.86 kg/m	1000 kpa
40 nb	38.10 mm	70 kpa	230 mm	1.12 kg/m	1000 kpa
50 nb	50.80 mm	70 kpa	300 mm	1.73 kg/m	1000 kpa
65 nb	63.50 mm	70 kpa	380 mm	2.16 kg/m	800 kpa
80 nb	76.20 mm	70 kpa	460 mm	2.70 kg/m	800 kpa
100 nb	101.60 mm	70 kpa	610 mm	4.05 kg/m	700 kpa
125 nb	127.00 mm	70 kpa	750 mm	5.70 kg/m	700 kpa
150 nb	152.40 mm	70 kpa	900 mm	8.65 kg/m	700 kpa
200 nb	203.20 mm	70 kpa	1500 mm	16.10 kg/m	700 kpa
250 nb	254.00 mm	70 kpa	2000 mm	23.95 kg/m	700 kpa
300 nb	304.80 mm	70 kpa	3000 mm	30.90 kg/m	700 kpa
350 nb	355.60 mm	70 kpa	3500 mm	37.80 kg/m	700 kpa